

Notice of Allowability

Application No.

09/702,933

Examiner

Barry W. Taylor

Applicant(s)

MAHANEY, CRAIG

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/7/06.
2. ☒ The allowed claim(s) is/are 10-25.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Barry Taylor 2/28/07
BARRY TAYLOR
PRIMARY EXAMINER

DETAILED ACTION

EXAMINER'S AMENDMENT AND REASON FOR ALLOWANCE

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Albert Metrailler on 2/26/2007. The application has been amended as follows:

EXAMINER'S AMENDMENT

1. Delete claims 1-9.

Allowable Subject Matter

2. Claims 10-25 are allowed.
3. The following is an examiner's statement of reasons for allowance.

Prior art of record fails to teach or fairly suggest an apparatus in a customer premises integrated services hub supporting a plurality of telephone lines for determining the operational status of the customer premises integrated services hub, comprising: (a) a plurality of subscriber line interface circuits (SLIC), the number of SLICs equaling the number of telephone lines, with a separate SLIC corresponding with and connected to each of the telephone lines, (b) at least one subscriber line access circuit (SLAC) connected to the SLICs to detect an off-hook condition in the telephone lines; (c) a power monitor for monitoring the status of AC power to the integrated services hub; (d) a backup battery powering the integrated services hub when AC

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power fails; and (e) a telephony controller, the telephony controller receiving notification from the power monitor regarding the status of AC power to the integrated services hub, the telephony controller receiving notification from the SLAC of an off-hook condition in the telephone lines, and the telephony controller activating a warning signal on at least one telephone line that the backup battery is powering the integrated services hub in response to notifications from the power monitor that AC power has failed and from the SLAC that an off-hook condition has occurred as recited in independent claim 10.

Prior art of record fails to teach or fairly suggest an apparatus in a customer premises integrated services hub supporting a plurality of telephone lines for determining the operational status of the customer premises integrated services hub, comprising: (a) a plurality of subscriber line interface circuits (SLIC), the number of SLICs equaling the number of telephone lines, with a separate SLIC corresponding with and connected to each of the telephone lines; (b) at least one subscriber line access circuit (SLAC) connected to the SLICs to detect an off-hook condition in the telephone lines; (c) a network connection monitor for monitoring the status of a wide area network connection to the integrated services hub; and (d) a telephony controller, the telephony controller receiving notification from the network connection monitor regarding the status of the wide area network connection to the integrated services hub, the telephony controller receiving notification from the SLAC of an off-hook condition in the telephone lines, and the telephony controller activating a warning signal on at least one telephone line that the wide area network connection has failed in response to the notifications from the network connection monitor and the SLAC as recited in independent claim 14.

Prior art of record fails to teach or fairly suggest a customer premises integrated services hub of the type having a wide area network connection for coupling voice signals, a power supply receiving power from an AC power circuit in the customer premises, a backup battery powering the integrated services hub when the AC power fails, and at least one telephone line for coupling to a telephone receiver in the customer premises, apparatus for notifying a user of a telephone receiver that the backup battery is powering the integrated services hub, comprising: (a) at least one subscriber line interface circuit (SLIC), the number of SLICs equaling the number of telephone lines, with a separate SLIC corresponding with and connected to each of the telephone lines, (b) at least one subscriber line access circuit (SLAC) connected to the SLICs to detect an off-hook condition in the telephone lines; (c) a power monitor for monitoring the status of AC power to the integrated services hub; and (d) a telephony controller, the telephony controller receiving notification from the power monitor regarding the status of AC power to the integrated services hub, the telephony controller receiving notification from the SLAC of an off-hook condition in the at least one telephone line, and the telephony controller activating a warning signal on the at least one telephone line that the backup battery is powering the integrated services hub in response to the notifications from the power monitor that AC power has failed and from the SLAC that an off-hook condition has occurred as recited in independent claim 18.

Prior art of record fails to teach or fairly suggest a customer premises integrated services hub of the type having a wide area network connection for coupling voice signals, a power supply receiving power from an AC power circuit in the customer

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premises, a backup power supply for powering the integrated services hub when the AC power fails, and at least one telephone line for coupling to a telephone receiver in the customer premises, apparatus for notifying a user of a telephone receiver that the wide area network connection has failed, comprising: (a) at least one subscriber line interface circuit (SLIC), the number of SLICs equaling the number of telephone lines, with a separate SLIC corresponding with and connected to each of the telephone lines; (b) at least one subscriber line access circuit (SLAC) connected to the SLICs to detect an off-hook condition in the telephone lines; (c) a network connection monitor for monitoring the status of a wide area network connection to the integrated services hub; and (d) a telephony controller, the telephony controller receiving notification from the network connection monitor regarding the status of the wide area network connection to the integrated services hub, the telephony controller receiving notification from the SLAC of an off-hook condition in the at least one telephone line, and the telephony controller activating a warning signal on the at least one telephone line that the wide area network connection has failed in response to the notifications from the network connection monitor and the SLAC as recited in independent claim 22.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Barry W. Taylor, telephone number (571) 272-7509, who is available Monday-Thursday, 6:30am to 5pm.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Trost, can be reached at (571) 272-7872. The central facsimile phone number for this group is **571-273-8300**.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group 2600 receptionist whose telephone number is (571) 272-2600, the 2600 Customer Service telephone number is (571) 272-2600.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Centralized Delivery Policy: For patent related correspondence, hand carry deliveries must be made to the Customer Service Window (now located at the Randolph Building, 401 Dulany Street, Alexandria, VA 22314), and facsimile transmissions must be sent to the central fax number (571-273-8300).

Barry W. Taylor
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BARRY TAYLOR
PRIMARY EXAMINER